

*So. Bend Freight Lines*  
*Refuse Disposal*

ST. JOSEPH COUNTY HEALTH DEPARTMENT  
1419 S. MICHIGAN STREET  
PHONE 287-2816  
SOUTH BEND, INDIANA 46613  
12

LOUIS E. HOW, M.D.  
HEALTH OFFICER

December 4, 1970

EPA Region 5 Records Ctr.



316236

REPORT OF MEETING - At St. Joseph County Health Department, 2:30 p.m.

SUBJECT: Refuse Disposal Site - Abe Shulman property back of South Bend Freight lines on west side of Gertrude Street.

PRESENT: Abe Marcus, vice-president, Attorney Douglas Seely, Bob Richardson, Engineering Planning Services, and Dr. Louis E. How and Calvin Frappier, St. Joseph County Health Department.

Request:

1. Use area 4 (see drawing) and area 3 for Sanitary Landfill for Industrial Wastes only (no community garbage collections)
2. Include disposal of solvents, sludge, paint wastes and similar materials now being collected, stored, and shipped out of the county at manufacturers expense.
3. Sand and gravel at the SE and NW corners, areas 1 & 2 are to be used for covering.
4. Area 5 is the lowest part with "surface" ground water retained by underlying clay layer, and prevented from run off by Gertrude Street. This area is to be filled with non-combustible building rubble and industrial rubbish.
5. Note area 3 is silt and clay to a depth of 25 feet where silt sand and the water table occurs.
6. Wells in area are 100' deep and draw water from 80 to 100 foot level. Water vein elevation is about 700 feet.

Discussions:

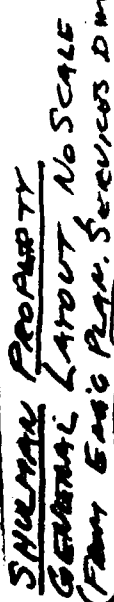
1. Solvents must not be deposited in the ground. Verified with copies of letters from Indiana State Board of Health showing water contamination problems. Attached also is copy of letter to Mr. Shulman.

2. Water table location and possible contamination were discussed. Engineering Planning Services and their report from Soil and Foundation Consultants Shilts, Graves and Associates, Inc. claim this whole area is underlain with impervious clay; that the water is surface water that does not reach water table used for wells: and that wells are below this layer.
3. Mr. Richardson pointed out an article from "Public Works" magazine of July 1970, page 102 wherein oil deposits could be mixed with soil and be rendered non-contaminating.

#### Decisions

1. Solvents do not react with soil as organic oils might. Not adequately verified to allow "solvent mixed with soil" approach to be approved. Solvents must not be deposited, even in clayey soil with sand strata. Recommend continue to remove to incinerating and disposal company set to do this process.
2. Will review use of site as a sanitary landfill for industrial refuse only. No junk cars, appliances, or household trash.

2



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